

# Michael Garner

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Langues: English/French

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## PROFESSIONAL SUMMARY

Software engineer and IT consultant with experience in finance, manufacturing and technology sectors. Worked with small to large sized enterprises as an employee and freelance contractor. Specializing in cloud computing, automated solutions, software development, problem solving, and technical support.

## EDUCATION

### Software Engineering (B. Eng)

CONCORDIA UNIVERSITY  
Montreal, Québec

Completed 2022

## SUMMARY OF TECHNICAL KNOWLEDGE

### Software Languages & Projects

#### Languages:

Advanced: Java, Python, C++, HTML, Javascript, PowerShell, PnP PowerShell  
Good: C, C#, .NET, CSS, PHP  
Familiar: Ruby, NodeJS, TypeScript, GO  
Other: M365, D365, PowerPlatform (Power BI, Power Apps, Power Automate, Copilot Studio - Power Virtual Agent), SharePoint, ShareGate, Copilot, Flask, Django, ReactJS, React Native, OpenCv

Operating Systems: Windows (3.1, 95, 98, 2000, XP, Vista, 7, 8, 10, 11), Linux (Debian, Ubuntu), iOS, DOS

#### Projects:

Migration project to Microsoft SharePoint Online  
Automated workflow for technical support triage system  
Chatbot development with Microsoft Copilot Studio  
Object Detection - Automated Door System  
Map application with React Native  
Web crawler with Java and JSoup  
Data indexer for information search & retrieval  
Frontend compiler (custom object oriented language)  
Enterprise accounting and record keeping via web app  
Web based shop with HTML, CSS, JavaScript & SQL  
Web design & animation with HTML, CSS & JavaScript  
Web hosted audio spectrum analyzer  
PDI controlled elevator  
PLC programming of electro-mechanical equipment  
Web design & development with SEO and user analytics

### Advanced Areas of Expertise:

Microsoft support and development for M365, cloud computing, automation, compiler design, information search & retrieval, software architecture, application development, AGILE, databases, networking, software testing & QA

## ACHIEVEMENTS AND CERTIFICATIONS

|                                                                                                  |           |
|--------------------------------------------------------------------------------------------------|-----------|
| AI Certification Levels 1 & 2: ChatGPT: Artificial Intelligence Revealed                         | 2024      |
| SharePoint, M65, Power Platform and Copilot Training - Microsoft Learning Pathways completion    | 2022-2024 |
| Iron Ring Recipient - The Corporation of the Seven Wardens Inc.                                  | 2022      |
| Arctic Code Vault Contributor - Contributed open source computer code stored in Svalbard, Norway | 2020      |
| CPR and First Aid Training - Canadian Red Cross                                                  | 2012      |
| DEC in Electro-Mechanical Automated Systems - Rosemount Technology Centre                        | 2008      |
| Canadian Robotics Competition – Archemedia champions                                             | 2007      |

## PROFESSIONAL EXPERIENCE

Michael Garner (514)-\*\*\*-\*\*\*\*

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### IT Consultant

2025-Present

#### SWIM CLUB MADD

- Provided technical consulting, accelerating project delivery through the use of AI-assisted tools and workflows
- Managed content restructuring, translations, digital transformations and preservation of legacy materials
- Supported a multilingual biography project including book, movie and Wikipedia publication for founder of MADD

#### PRO MOTION MARINE INC.

- Designed and developed a responsive website, collaborating directly with the owner to define scope, structure, and presentation
- Implemented online presence through SEO (Search Engine Optimization), Google business listings & user analytics integration

#### SODEM

- Provided IT administration, on-call technical consulting and user support for SharePoint and M365 applications
- Designed and implemented Power Platform business flows to automate repetitive daily technical tasks

#### PRANA STUDIO MONTREAL

- Provided IT infrastructure consulting and software advisory services for studio operations
- Designed and developed a custom web application to centralize business data, enable remote access and automate workflows

### Software Consultant

2022-2025

#### VICTRIX SOLUTIONS INC

- Trained extensively on Microsoft cloud computing and M365 applications including SharePoint Online, SPFx and Azure
- Specialized in Microsoft Power Platform solutions (Power Apps, Power Automate, Power BI and Power Virtual Agents)
- Designed and prototyped internal and client-facing applications and automated workflows
- Prototyped HR chatbots using Microsoft Copilot Studio as an internal project and proof-of-concept for clients
- Collaborated with developers, analysts, and business stakeholders to modernize enterprise systems

### Software Developer

2022-2024

#### BENEVA (CONTRACT - VICTRIX SOLUTIONS INC)

- Contributed to a large-scale Microsoft 365 and SharePoint Online migration following corporate merger
- Developed PowerShell and PnP scripts to automate migration tasks and ensure data integrity
- Designed and implemented SharePoint sites, Power Platform workflows, and automated business processes
- Trained employees and provided technical support for all Microsoft applications and digital tools
- Responsible for maintenance and consultation of document management and BPMS (business process management systems)
- Participated in SAFe AGILE framework for management, delivery, presentation and collaboration of iteration developments

### Full Stack Software Engineer

2021-2022

#### X GUARD SECURITY (AUTOMATED PET DOOR CONTRACT)

- Developed an AI-based object detection system for an automated pet door with web and mobile control
- Programmed and synchronised Raspberry Pi inputs and outputs; sensors, actuators, and camera systems using Python
- Developed and implemented logic flow and control using Python and Linux O/S shell scripts
- Connected the system to an online network for real-time monitoring and control using Python and Linux O/S
- Designed and developed web application using HTML, CSS, Python and Flask
- Led technical documentation and project presentation using Agile methodology

## ACTIVITIES AND INTERESTS

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Electronic repair & refurbishment  
Fitness & calisthenics

Kayaking  
Hiking

Camping & outdoors  
Hockey